

# Recovery Plan Action Status

Plan Name: Ring Pink (Mussel)

Plan Status: Final

Plan Date: 25-Mar-91

Lead Agency: USFWS

Lead Office: Kentucky Ecological Services Field Office

(502)

695-0468 )

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Ring pink (mussel) (Obovaria retusa)	1	1.1	Continue to utilize existing legislation and regulations to protect species and its habitat	Ongoing Current	Prior to FY 1995		National Park Service, U.S. Forest Service, Indiana Department of Natural Resources, Tennessee Valley Authority , Tennessee Wildlife Resources Agency , Tennessee Department of CONservation , Fish and Wildlife Enhancement, Illinois Department of Conservation, Kentucky Department of Fish and Wildlife Resources, Kentucky State Nature Preserves Commission, Virginia Department of Game and Inland Fisheries, Kentucky Department for Surface Mining Reclamation and Enforcement, US Office of Surface Mining Reclamation and Enforcement, West Virginia Department of Natural Resources, USFWS Regional Office 5, USFWS Regional Office 3, USFWS Regional Office 4	Management: Other	Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert	

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Ring pink (mussel) (Obovaria retusa)	2	1.2.1-1.2.2	Meet with local governmental officials and business interests and elicit their support for recovery	Not Started			National Park Service, U.S. Forest Service, Indiana Department of Natural Resources, Tennessee Valley Authority, Tennessee Wildlife Resources Agency, Tennessee Department of Conservation, Fish and Wildlife Enhancement, Illinois Department of Conservation, Kentucky Department of Fish and Wildlife Resources, Kentucky State Nature Preserves Commission, Virginia Department of Game and Inland Fisheries, West Virginia Department of Natural Resources, USFWS Regional Office 5, USFWS Regional Office 3, USFWS Regional Office 4	Work type not yet selected	Labor type not yet selected	

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Ring pink (mussel) (Obovaria retusa)	1	1.2.3	Develop information and education program and present	Ongoing Current	Prior to FY 1995		National Park Service, U.S. Forest Service, Indiana Department of Natural Resources, Tennessee Valley Authority, Tennessee Wildlife Resources Agency, Tennessee Department of Conservation, Fish and Wildlife Enhancement, Illinois Department of Conservation, Kentucky Department of Fish and Wildlife Resources, Kentucky State Nature Preserves Commission, Virginia Department of Game and Inland Fisheries, West Virginia Department of Natural Resources, USFWS Regional Office 5, USFWS Regional Office 3, USFWS Regional Office 4	Other: Information and Education	Contract, Internal Administrative, Internal Technical Assistance, Species Expert	Task duration: 1 year to develop, then continuous

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Ring pink (mussel) (Obovaria retusa)	2	1.3	Consider use of land acquisition to protect the species	Not Started			National Park Service, U.S. Forest Service, Indiana Department of Natural Resources, Tennessee Valley Authority, Tennessee Wildlife Resources Agency, Tennessee Department of Conservation, Fish and Wildlife Enhancement, Illinois Department of Conservation, Kentucky Department of Fish and Wildlife Resources, Kentucky State Nature Preserves Commission, Virginia Department of Game and Inland Fisheries, West Virginia Department of Natural Resources, USFWS Regional Office 5, USFWS Regional Office 3, USFWS Regional Office 4	Work type not yet selected	Labor type not yet selected	

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Ring pink (mussel) (Obovaria retusa)	1	2.1-2.5	Conduct research necessary for species management and recovery; i.e., habitat requirements, biology, and threat analysis	Ongoing Current	Prior to FY 1995		National Park Service, U.S. Forest Service, Indiana Department of Natural Resources, Tennessee Valley Authority, Tennessee Wildlife Resources Agency, Tennessee Department of Conservation, Fish and Wildlife Enhancement, Illinois Department of Conservation, Kentucky Department of Fish and Wildlife Resources, Kentucky State Nature Preserves Commission, Virginia Department of Game and Inland Fisheries, West Virginia Department of Natural Resources, USFWS Regional Office 5, USFWS Regional Office 3, USFWS Regional Office 4	Research, Research: Demographic Studies, Research: General, Research: Habitat Requirements, Research: Habitat Status	Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert	Research ongoing by Tenn Tech, Virginia Tech, and KDFWR - Center for Mollusk Conservation

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Ring pink (mussel) (Obovaria retusa)	1	2.6	Based on biological and threat analysis, investigate need for management and implement where needed	Not Started			National Park Service, U.S. Forest Service, Indiana Department of Natural Resources, Tennessee Valley Authority, Tennessee Wildlife Resources Agency, Tennessee Department of Conservation, Fish and Wildlife Enhancement, Illinois Department of Conservation, Kentucky Department of Fish and Wildlife Resources, Kentucky State Nature Preserves Commission, Virginia Department of Game and Inland Fisheries, West Virginia Department of Natural Resources, USFWS Regional Office 5, USFWS Regional Office 3, USFWS Regional Office 4	Work type not yet selected	Labor type not yet selected	Priority 1, 2, or 3 (depending on result of 1.3.1, 1.3.2 and 1.3.3)

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Ring pink (mussel) (Obovaria retusa)	3	2.7	Determine number of individuals required to maintain viable population	Ongoing Current	FY 2000 - FY 2004		National Park Service, U.S. Forest Service, Indiana Department of Natural Resources, Tennessee Valley Authority, Tennessee Wildlife Resources Agency, Tennessee Department of Conservation, Fish and Wildlife Enhancement, Illinois Department of Conservation, Kentucky Department of Fish and Wildlife Resources, Kentucky State Nature Preserves Commission, Virginia Department of Game and Inland Fisheries, West Virginia Department of Natural Resources, USFWS Regional Office 5, USFWS Regional Office 3, USFWS Regional Office 4	Research: Reintroduction	Contract	

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Ring pink (mussel) (Obovaria retusa)	2	3	Search for additional populations and suitable habitat	Ongoing Current	Prior to FY 1995		National Park Service, U.S. Forest Service, Indiana Department of Natural Resources, Tennessee Valley Authority, Tennessee Wildlife Resources Agency, Tennessee Department of Conservation, Fish and Wildlife Enhancement, Illinois Department of Conservation, Kentucky Department of Fish and Wildlife Resources, Kentucky State Nature Preserves Commission, Virginia Department of Game and Inland Fisheries, West Virginia Department of Natural Resources, USFWS Regional Office 5, USFWS Regional Office 3, USFWS Regional Office 4	Research: Population Surveys	Contract, Internal Administrative, Internal Field Assistance, Internal Technical Assistance, Species Expert	KDFWR continues to search for this species each year - primarily in the Green River, where live individuals have been located over the past five years.



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Ring pink (mussel) (Obovaria retusa)	2	4	Develop techniques, select sites, reintroduce the species back into historic habitat, and evaluate and protect any populations established	Ongoing Current	FY 2000 - FY 2004		National Park Service, U.S. Forest Service, Indiana Department of Natural Resources, Tennessee Valley Authority, Tennessee Wildlife Resources Agency, Tennessee Department of Conservation, Fish and Wildlife Enhancement, Illinois Department of Conservation, Kentucky Department of Fish and Wildlife Resources, Kentucky State Nature Preserves Commission, Virginia Department of Game and Inland Fisheries, West Virginia Department of Natural Resources, USFWS Regional Office 5, USFWS Regional Office 3, USFWS Regional Office 4	Research, Research: General, Research: Habitat Requirements, Research: Population Surveys	Contract, Graduate Student, Internal Administrative, Internal Field Assistance, Internal Technical Assistance, Species Expert	Task duration: 3 years (protection continues)

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Ring pink (mussel) (Obovaria retusa)	1	5	Develop and utilize cryopreservation technique	Not Started			National Park Service, U.S. Forest Service, Indiana Department of Natural Resources, Tennessee Valley Authority, Tennessee Wildlife Resources Agency, Tennessee Department of Conservation, Fish and Wildlife Enhancement, Illinois Department of Conservation, Kentucky Department of Fish and Wildlife Resources, Kentucky State Nature Preserves Commission, Virginia Department of Game and Inland Fisheries, West Virginia Department of Natural Resources, USFWS Regional Office 5, USFWS Regional Office 3, USFWS Regional Office 4	Work type not yet selected	Labor type not yet selected	

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Ring pink (mussel) (Obovaria retusa)	2	6	Develop and implement a monitoring program	Ongoing Current	Prior to FY 1995		National Park Service, U.S. Forest Service, Indiana Department of Natural Resources, Tennessee Valley Authority, Tennessee Wildlife Resources Agency, Tennessee Department of Conservation, Fish and Wildlife Enhancement, Illinois Department of Conservation, Kentucky Department of Fish and Wildlife Resources, Kentucky State Nature Preserves Commission, Virginia Department of Game and Inland Fisheries, West Virginia Department of Natural Resources, USFWS Regional Office 5, USFWS Regional Office 3, USFWS Regional Office 4	Research: Population Surveys	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	Biennial

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Ring pink (mussel) (Obovaria retusa)	3	7	Annually assess recovery program and modify program and plan where required	Not Started			National Park Service, U.S. Forest Service, Indiana Department of Natural Resources, Tennessee Valley Authority, Tennessee Wildlife Resources Agency, Tennessee Department of Conservation, Fish and Wildlife Enhancement, Illinois Department of Conservation, Kentucky Department of Fish and Wildlife Resources, Kentucky State Nature Preserves Commission, Virginia Department of Game and Inland Fisheries, West Virginia Department of Natural Resources, USFWS Regional Office 5, USFWS Regional Office 3, USFWS Regional Office 4	Work type not yet selected	Labor type not yet selected	